Index of Claims



Application/Control No.

10/533,394

Examiner

Lawrence N. Laryea

Applicant(s)/Patent under Reexamination

BAUMANN ET AL.

Art Unit

3735

| 7  | Rejected |
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| 11 | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |
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| _ | Interference |

| A | Appeal   |
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| 0 | Objected |

| Cla      | aim      |  |  |          | 1  | Date   | е  |              |          |          |     | Cla      | im       |                  |   |          | [  | Date   | €  |   |
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| Final    | Original | 9/56/06  |  |          |  |  |  |              |          |          |     | Final    | Original |                  |   |          |  |  |  |   |
|          | 1        | -  |  |          |  |  |  |              |          |          |     |          | 51       |                  |   |          |  |  |  | Γ |
|          | 2        | -  |  |          |  |  |  |              | ,        |          |     |          | 52       |                  |   |          |  |  |  | Γ |
|          | 3        | -  |  |          |  |  |  |              |          |          |     |          | 53       |                  |   |          |  |  |  | Γ |
| L        | 4        | -  |  |          |  |  |  |              |          |          |     |          | 54       |                  |   |          |  |  |  |   |
|          | 5        | Ŀ  |  | L        | <u> </u>   | L  |  |              | <u> </u> |          |     |          | 55       |                  |   |          |  |  |  | L |
|          | 6        | Ŀ  |  | <u> </u> |  | <u> </u>   |  |              |          |          |     |          | 56       | Ш                |   |          | _  | <u> </u>   |  | L |
| L_       | 7        | <u> </u>   |  | _        | _  | <u> </u>   |  |              |          |          |     |          | 57       |                  |   |          |  |  | 匚  | L |
| $\perp$  | 8        | <u> </u> -                                       | <u> </u>   | _        | <u> </u>   | _  |  | _            | <u> </u> |          |     | ļ        | 58       | H                |   |          | <u> </u>   | _  | ▙  | L |
|          | 9        | Ŀ  | _  | <u> </u> | <u> </u>   | <u> </u>   |  | ļ            |          |          |     |          | 59       | Ш                |   |          |  | _  | ┞  | ļ |
| <u> </u> | 10       | 1  | <u> </u>   | _        | -  | <u> </u>   |  |              |          | _        |     |          | 60       | $\vdash$         |   | <u> </u> |  | <u> </u>   | -  | ╄ |
| <u> </u> | 11       | _  | H  |          |  | _  |  |              |          | _        |     |          | 61       | Н                |   | -        |  |  |  | ╀ |
| <u> </u> | 12<br>13 | V  | ┝  | _        | -  | -  |  |              | $\vdash$ | $\vdash$ |     | <u> </u> | 62<br>63 | Н                |   |          | -  | ┝  | ⊢  | ╀ |
| -        | 14       | 1  | -  | -        | <del> </del>                                     | ├  |  | <del> </del> | -        | -        |     | <b> </b> | 64       | <del>  .  </del> | - | -        |  |  | $\vdash$   | t |
| $\vdash$ | 15       | 1  | $\vdash$   | $\vdash$ |  | _  |  |              | $\vdash$ | $\vdash$ |     | -        | 65       | $\vdash$         |   |          | -  | ┝  | 一  | t |
| $\vdash$ | 16       | V  | $\vdash$   | $\vdash$ | <del>                                     </del> | $\vdash$   |  | $\vdash$     | ┝        | $\vdash$ |     | -        | 66       | Н                |   |          | -  | $\vdash$   |  | t |
|          | 17       | v  | ┢  | _        | <del>                                     </del> | <del>                                     </del> |  | ┢            | -        | ┢        |     |          | 67       | Н                | _ | $\vdash$ | <del>                                     </del> | _  | <del>                                     </del> | t |
|          | 18       | 1  |  | $\vdash$ | _  |  |  | Г            | $\vdash$ |          | i · |          | 68       | П                |   | Г        |  | 7  |  | t |
|          | 19       | v  |  | _        |  |  |  | T            |          | m        | İ   |          | 69       |                  |   |          |  |  |  | t |
|          | 20       | v  |  |          |  |  |  |              |          |          |     |          | 70       | П                |   |          |  |  |  | T |
|          | 21       | ٧  |  |          |  |  |  |              |          |          |     |          | 71       |                  |   |          |  |  |  | Ι |
|          | 22       | ٧  |  |          |  |  |  |              |          |          |     |          | 72       |                  |   |          |  |  |  | I |
|          | 23       |  |  |          |  |  |  | $oxed{oxed}$ |          |          |     |          | 73       |                  |   |          |  |  |  | L |
|          | 24       | _  | L  |          | <u> </u>   |  | _  |              |          |          |     |          | 74       | Ш                |   |          | L  |  | <u> </u>   | L |
|          | 25       | _  |  | _        |  | _  | _  | _            |          |          |     |          | 75       | Ш                |   |          |  |  | L  | Ļ |
|          | 26       | _  | _  | <u> </u> | ┞  | ₩  | <u> </u>   | _            |          | _        |     |          | 76       | Н                |   |          |  | <u> </u>   | <u> </u>   | ╀ |
|          | 27       |  |  | -        | ┢  | -  | ├-   | _            | -        |          |     |          | 77       | Н                |   |          |  |  | ⊢  | ╀ |
|          | 28<br>29 |  | $\vdash$   | ┝        | ⊢  | -  |  | -            | -        | -        |     |          | 78<br>79 | Н                |   |          |  |  | ⊢  | ╀ |
| -        | 30       | H  | -  | -        | ╌  | -  | H  |              | H        | -        |     | -        | 80       | Н                |   |          | <u>.</u>   |  | H  | t |
|          | 31       | <del> </del>                                     | -  | -        | ╁  | <del>                                     </del> | $\vdash$   |              | $\vdash$ | $\vdash$ |     |          | 81       | Н                |   |          |  |  | -  | t |
|          | 32       |  | -  | $\vdash$ | <del>                                     </del> | <u> </u>   |  | <u> </u>     | -        |          |     |          | 82       | Н                |   |          |  |  | $\vdash$   | t |
| -        | 33       | Г  | $\vdash$   |          | H  | _  |  |              |          |          |     |          | 83       | H                |   |          |  |  |  | t |
|          | 34       |  | $\vdash$   | Г        | 1  | T  |  |              |          |          | 1   |          | 84       | Н                |   |          | $\vdash$   |  | Т  | t |
|          | 35       |  |  | -        |  |  |  |              |          |          |     |          | 85       | П                |   |          |  |  |  | T |
|          | 36       |  |  |          |  |  |  |              |          |          |     |          | 86       |                  |   |          |  |  |  | Γ |
|          | 37       |  |  |          |  |  | Ĺ  |              |          |          |     |          | 87       |                  |   |          |  |  |  | Γ |
|          | 38       | $oxed{\Box}$                                     |  |          | <u> </u>   | L  |  |              |          |          |     |          | 88       | Ш                |   |          |  |  | 匚  | Ĺ |
|          | 39       | L  | <u> </u>   | <u> </u> |  | <u> </u>   | <u>L.</u>  | <u> </u>     | <u> </u> | _        |     | L        | 89       | $\sqcup$         |   | _        | <u> </u>   | _  | <u> </u>   | L |
| <u> </u> | 40       |  |  | <u> </u> | <u> </u>   | _  | _  | ļ            | _        |          |     | <u> </u> | 90       | Ш                |   | _        | <u> </u>   | $\vdash$   | ⊢  | L |
|          | 41       | ₩  | <u> </u>   | <u> </u> | 1  | <u> </u>   | <u> </u>   | <u> </u>     | _        |          |     | <u> </u> | 91       |                  | _ |          | ┞  | $\vdash$   | ⊢  | L |
| -        | 42       | <b> </b>   | <u> </u>   | <u> </u> |  | <u> </u>   | <u> </u>   | ├            | <u> </u> | _        |     | <b> </b> | 92       | $\vdash$         |   | _        | ⊢  | $\vdash$   | $\vdash$   | + |
| -        | 43<br>44 | ├  | $\vdash$   | -        | <del> </del>                                     | -  | ├-   |              |          | -        |     | <b> </b> | 93<br>94 | $\vdash$         |   | -        | ├  | $\vdash$   | $\vdash$   | + |
| -        | 45       | $\vdash$   | <del>                                     </del> | $\vdash$ | $\vdash$   | $\vdash$   | ├-   | $\vdash$     | $\vdash$ | -        |     | $\vdash$ | 95       | $\vdash$         | _ | <u> </u> | ├─   | -  | $\vdash$   | + |
|          | 46       | <del>                                     </del> | $\vdash$   | $\vdash$ |  | -  | <del> </del>                                     | <del> </del> | $\vdash$ |          |     | ļ        | 96       | $\vdash$         | - | -        | ├  | -  | $\vdash$   | t |
|          | 47       | <del>                                     </del> | $\vdash$   | $\vdash$ | $\vdash$   | $\vdash$   | <del>                                     </del> | T            | Н        | $\vdash$ |     |          | 97       | H                | - |          | <del>                                     </del> | <del>                                     </del> | ┢  | t |
|          | 48       | $\vdash$   |  | Т        | Ħ  | <del>                                     </del> | _  | <u> </u>     |          | _        |     |          | 98       | $\vdash$         |   | _        | $\vdash$   | Т  | $\vdash$   | t |
|          | 49       |  | Г  |          |  |  |  |              |          |          |     |          | 99       |                  |   |          |  |  |  | T |
|          | 50       |  |  |          |  |  |  |              |          |          |     |          | 100      |                  |   |          |  |  |  | T |
|          |          |  | _  |          |  |  |  | •—           | _        |          | •   |          |          |                  | _ | _        |  | _  |  | - |

| Cla   | aim      | Date  |   |   |   |  |   |   |   |   |  |  |
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|       | 58       |   |   |   |   |  |   |   | $\vdash$  |   |  |  |
|       | 59       |   |   |   |   |  |   |   | Г   |   |  |  |
|       | 60       |   |   |   |   |  |   |   | ┢   |   |  |  |
|       | 61       |   |   |   |   |  |   |   |   |   |  |  |
|       | 62       | Г   |   |   |   |  |   |   |   | _   |  |  |
| - "   | 63       |   |   |   |   |  |   |   |   |   |  |  |
|       | 64       |   |   |   |   |  |   |   |   |   |  |  |
|       | 65       |   |   |   |   |  |   |   |   |   |  |  |
|       | 66       |   | Г   |   |   |  |   |   |   | -   |  |  |
|       | 67       |   | Г   |   |   |  |   |   |   |   |  |  |
|       | 68       | Г   |   |   |   | ,  |   |   |   |   |  |  |
|       | 69       |   |   |   |   |  | П   |   |   |   |  |  |
|       | 70       |   |   |   |   |  |   |   |   |   |  |  |
|       | 71       |   |   |   |   |  |   |   |   |   |  |  |
|       | 72       |   |   |   |   |  |   |   |   |   |  |  |
|       | 73       |   |   |   |   |  |   |   | Г   |   |  |  |
|       | 74       |   |   |   |   |  |   |   |   |   |  |  |
|       | 75       |   |   |   |   |  |   |   |   |   |  |  |
|       | 76       |   |   |   |   |  |   |   |   |   |  |  |
|       | 77       |   |   |   |   |  |   |   |   |   |  |  |
|       | 78       |   |   |   |   |  |   |   |   |   |  |  |
|       | 79       |   |   |   |   |  |   |   |   |   |  |  |
|       | 80       |   | L   |   |   |  | L   |   |   |   |  |  |
|       | 81       |   |   |   |   |  |   |   |   |   |  |  |
|       | 82       |   |   |   |   |  |   |   |   |   |  |  |
|       | 83       |   |   |   |   |  |   |   |   |   |  |  |
|       | 84       | L   | _   |   |   | _  |   |   |   |   |  |  |
|       | 85       |   | <u> </u>  |   |   |  |   |   | L   | _   |  |  |
|       | 86       |   |   |   |   |  |   |   |   |   |  |  |
|       | 87       | L   | L   |   |   |  |   |   |   |   |  |  |
|       | 88       |   | L   |   |   |  |   |   |   | _   |  |  |
|       | 89       | <u>L</u>  | <u> </u>  |   |   |  |   |   |   | _   |  |  |
|       |          | _   | <u> </u>  |   |   |  |   |   | <u> </u>  | _   |  |  |
|       |          | <u> </u>  | L_  |   | _   |  | _   | _   |   | ļ   |  |  |
|       | 92       | <u> </u>  | <u> </u>  |   | <u> </u>  |  |   | _   | <u> </u>  | ļ   |  |  |
|       | 93       | <u> </u>  | ļ   |   | <u> </u>  | <u> </u>   | $\vdash$  | <u> </u>  | <u> </u>  | ļ   |  |  |
| L     |          | <del> </del>  | <u> </u>  | <u> </u>  | <u> </u>  |  |   | _   | <u> </u>  | <u> </u>  |  |  |
| ļ     |          | <b>—</b>  | <u> </u>  | <u> </u>  | ┡—  | <u> </u>   | $\vdash$  | $\vdash$  | -   | <del> </del>  |  |  |
|       | 96       | _   | <u> </u>  | <u> </u>  | <u> </u>  |  |   | <u> </u>  |   | <u> </u>  |  |  |
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| ļ     |          | H   | $\vdash$  | $\vdash$  | Ь.  | Н  | ١   | <u> </u>  | -   | $\vdash$  |  |  |
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|       |          | Claim   Isuid Isuid   51 52   53 54   55 56   57 58   59 60   61 62   63 64   65 66   67 68   69 70   71 72   73 74   75 76   77 78   79 80   81 82   83 84   85 86   87 88   89 90   91 92   93 94   95 96   97 98   99 99   100 100 | Egil Egil   50 51   52 53   54 55   56 57   58 59   60 61   62 63   64 65   66 67   68 69   70 71   72 73   74 75   76 77   78 79   80 81   82 83   84 85   86 87   88 89   90 91   92 93   94 95   96 97   98 99 | E E   E E   50 51   52 53   54 55   56 57   58 59   60 61   62 63   64 65   66 67   68 69   70 71   72 73   74 75   76 77   78 79   80 81   82 83   84 85   86 87   88 89   90 91   92 93   94 95   96 97   98 99 | E | Eu Eu   51 52   53 54   55 56   57 58   59 60   61 62   63 64   65 66   67 68   69 70   71 72   73 74   75 76   77 78   79 80   81 82   83 84   85 86   87 88   89 90   91 92   93 94   95 96   97 98   99 | E | E | E | E E   50 51   51 52   53 54   55 56   57 58   59 60   61 62   63 64   65 66   67 68   69 70   71 72   73 74   75 76   77 78   79 80   81 82   83 84   85 86   87 88   89 90   91 91   92 93   94 95   96 97   98 99 |  |  |

| Cli      | Date   |  |          |          |          |          |          |              |                                     |                 |
|----------|--|--|----------|----------|----------|----------|----------|--------------|-------------------------------------|-----------------|
|          |  |  |          |          |          |          |          |              |                                     | $\neg$          |
| <u>ज</u> | Original   |  |          |          |          |          |          |              |                                     |                 |
| Final    | )rig   |  |          |          |          |          |          |              |                                     |                 |
|          |  |  |          |          |          |          |          |              |                                     |                 |
|          | 101  |  |          |          |          |          |          |              |                                     |                 |
|          | 102  |  |          |          |          |          |          |              |                                     |                 |
|          | 101<br>102<br>103                                    |  |          |          |          |          |          |              |                                     |                 |
|          | 104<br>105   |  |          |          |          |          |          | Ш            |                                     |                 |
|          | 105  |  |          |          |          |          |          |              |                                     |                 |
|          | 106  | _  |          |          | _        | _        |          |              | _                                   |                 |
|          | 107<br>108   |  |          |          |          |          |          |              |                                     |                 |
|          | 100  |  |          | -        |          | $\vdash$ |          | $\vdash$     |                                     | $\vdash$        |
|          | 109<br>110   |  |          |          |          |          |          |              |                                     | $\vdash$        |
|          | 111  |  |          | -        |          |          |          |              |                                     | $\dashv$        |
|          | 112  |  |          |          |          | Н        |          |              | H                                   | Н               |
|          | 112<br>113   |  |          |          |          | Г        | -        |              | <b></b>                             |                 |
|          | 114  |  |          |          |          | П        |          |              |                                     |                 |
|          | 1115   |  |          |          |          |          |          |              |                                     |                 |
|          | 116  |  |          |          |          |          |          |              |                                     |                 |
|          | 116<br>117<br>118                                    |  |          |          |          |          |          |              |                                     |                 |
|          | 118  |  |          |          |          |          |          |              |                                     |                 |
|          | 1119   |  |          | Ĺ        |          | _        |          |              |                                     |                 |
|          | 120<br>121<br>122                                    |  |          |          |          | _        |          |              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |                 |
|          | 121  |  | _        | _        |          |          |          |              | <u> </u>                            | $\Box$          |
|          | 122  |  |          | ļ        |          | <u> </u> |          |              | <u> </u>                            |                 |
|          | 123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 | _  | _        | ļ        |          | -        |          |              |                                     | Н               |
|          | 124  | -  |          | _        |          |          |          |              | <u> </u>                            | Н               |
|          | 126  |  |          |          | -        | -        |          | -            | -                                   | -               |
|          | 127  |  |          | -        |          | $\vdash$ |          | -            | ┢┈                                  | Н               |
|          | 128  |  |          |          | -        | -        | _        | _            | _                                   | Н               |
|          | 129  |  |          | $\vdash$ |          | _        | _        |              | <b>-</b>                            |                 |
|          | 130  |  | -        |          |          |          |          |              |                                     | _               |
|          | 131  |  |          |          |          |          |          |              |                                     |                 |
|          | 131<br>132   |  |          |          |          |          |          |              |                                     |                 |
|          | 133  |  |          |          |          |          |          |              |                                     |                 |
|          | 134<br>135   | L  |          |          |          |          |          | <u> </u>     |                                     |                 |
|          | 135  | $\perp$  |          |          |          |          | L.       |              | <u>L</u>                            | Ш               |
|          | 136  | $\vdash$   |          |          |          | L        | <u> </u> | L.,          | <u> </u>                            | Ш               |
|          | 137<br>138   | -  | ļ        | ļ        | <u> </u> | <u> </u> | $\vdash$ |              | <u> </u>                            | $\vdash \vdash$ |
|          | 138  | $\vdash$   | H        |          |          |          | <u> </u> | <del> </del> | ├                                   | Н               |
|          | 139<br>140   | ⊢  | H        |          | _        |          |          | ├            | <del> </del>                        | $\vdash$        |
|          | 141  | <del>                                     </del> | H        |          |          | $\vdash$ | $\vdash$ | $\vdash$     | <del> </del>                        | Н               |
|          | 142  | $\vdash$   | H        |          |          | $\vdash$ | -        | <del> </del> | ├-                                  | Н               |
|          | 143  | $\vdash$   | $\vdash$ |          |          |          | $\vdash$ | $\vdash$     | <u> </u>                            | $\vdash$        |
|          | 144  | $\vdash$   | Т        |          |          |          | Н        | $\vdash$     |                                     | Н               |
|          | 145  | <u> </u>   |          |          |          |          | Т        | Ι            |                                     | H               |
|          | 146  | Г  |          |          |          |          | Г        | <u> </u>     |                                     | Н               |
|          | 147  |  | <u> </u> | _        |          | Π        | T        |              |                                     | П               |
|          | 148  |  |          |          |          |          |          |              |                                     |                 |
|          | 149  |  |          |          |          |          |          |              |                                     |                 |
|          | 150  |  |          |          |          |          |          |              |                                     |                 |